Chemical Corporation

MATERIAL SAFETY DATA SHEET

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: Uniplex 171

Synonyms: Ortho/Para-Toluenesulfonamide, OPTSA

MANUFACTURER:

Unitex Chemical Corporation

520 Broome Road
P.O. Box 16344
Greensboro, NC 27406

EMERGENCY TELEPHONE NUMBERS:

Emergency Telephone Number: CHEMTREC 1 (800) 424-9300
International 1 (703) 527-3887

Telephone Number for Information:
(336) 378-0965 (Monday - Friday 8:00 a.m. - 5:00 p.m.)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Components	% *(optional)*	OSHA PEL	ACGIH TLV	CAS NO.
Para-Toluenesulfonamide	70%	Not Established		70-55-3
Ortho-Toluenesulfonamide	30%	Not Established		88-19-3

3. HAZARDS IDENTIFICATION

Emergency Overview: Do not breathe vapors; do not ingest; avoid contact with skin, eyes, or clothing. Wash thoroughly after handling; do not eat, drink, or smoke in work areas.

Potential Health Effects: May cause skin irritation. Inhalation of dust may cause irritation to the respiratory tract.

Eye Contact: May cause burning sensation, irritation accompanied with pain and corneal or conjunctival ulceration in severe cases.

Skin Contact: May cause irritation, stinging, redness, and some swelling.

Ingestion: May cause severe burning in the mouth and digestive tract.

Chronic: None known. The product is approved by the Food and Drug Administration for use in food packaging and adhesives (21 CFR 175.105).

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4. FIRST AID MEASURES

Inhalation: Remove to fresh air if coughing, soreness in respiratory tract, chest tightness, or difficulty in breathing occurs.

Eye Contact: Immediately flush with large quantities of water for at least 15 minutes, while holding the eyelids open. Do not attempt to neutralize with chemical agents. Contact a physician if irritation persists.

Skin Contact: Immediately remove contaminated clothing and flush area with large quantities of water for at least 15 minutes. Contact a physician if irritation persists.

Ingestion: If patient is conscious, give several glasses of water for dilution effect and contact a physician. Do not induce vomiting. Do not give an unconscious person anything by mouth.

5. FIRE FIGHTING MEASURES

Flash Point: 420ºF (216°C) Cleveland open cup.

General Hazard: Handle as burning oil. Dust from product may form an explosive mixture in air as with any organic material.

Fire Fighting Instructions: Extinguishing media--water fog or spray; carbon dioxide; foam; or earth and mud.

Hazardous Combustion Products: Oxides of Carbon, Nitrogen, and Sulfur.

6. ACCIDENTAL RELEASE MEASURES

Land Spill: Scrape up spilled material and dispose in accordance with all local, state, and federal regulations. If molten, allow to solidify then scrape up spill.

Water Spill: Remove product layered on water by mechanical means. Place spill in appropriate container for disposal in approved facilities.

7. HANDLING AND STORAGE

Storage Temperature: Ambient Storage Pressure: Pressureless

General: Store in cool, dry, and well-ventilated area. Keep containers closed.

8. EXPOSURE CONTROL/PERSONAL PROTECTION

Product Name: Uniplex 171

Engineering Controls: Control to comfort level.

Personal Protection: Splash-proof goggles with rubber, PVC, or impervious chemical gloves.

Respirator: None required. Use NIOSH organic vapor cartridge respirator with dust caps for remediation of large spills.

Protective Clothing: Impervious chemical clothing for remediation of large spills.

9. PHYSICAL AND CHEMICAL PROPERTIES

Vapor Pressure	:	ND	Vapor Density (Air = 1)	:	ND
Specific Gravity	:	ND	Evaporation Rate	:	<1
Solubility in Water	:	Insoluble	Freezing Point	:	approx. 130°C
pH	:	NA	Odor	:	Mild
Boiling Point	:	ND	Appearance	:	Off white solid
Viscosity	:	ND	Physical State	:	Solid

10. STABILITY AND REACTIVITY

General: Stable

Incompatible Materials and Conditions to Avoid: None known

Hazardous Decomposition: None known

11. TOXICOLOGICAL INFORMATION

None established. Not listed as a carcinogen by IARC, NTP, OSHA, or ACGIH.

12. ECOLOGICAL INFORMATION

None known.

Product Name: Uniplex 171

13. DISPOSAL CONSIDERATIONS

This product is registered by TSCA. The product should be incinerated, according to state Federal regulations.

14. TRANSPORT INFORMATION

Nonhazardous; not regulated by DOT.

15. REGULATORY INFORMATION

This product is registered by TSCA. Uniplex 171 is not a hazardous substance as defined by OSHA (29 CFR 1910.1200).

16. OTHER INFORMATION

No specific notes.

MSDS Status: Update to ANS1 Z 400.1-1993 Format.

	HAZARD RATINGS	
	NFPA	HMIS
Health	1	1
Flammability	1	1
Reactivity	0	0

Revision Summary:

5/11/04 Jim Day

This information is furnished without warranty, expressed or implied. The data in this MSDS relates only to the specific material designated therein. Unitex Chemical Corporation assumes no legal responsibility for use or reliance upon this data. This form complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200.